EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to the applicant, an amendment may be filed as

provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview

with Mr. Steven Fischman on 10/29/2009.

3.   Please amend claim 34 as follows:

Claim 34: A method of distributing work through a cluster of workstations for efficient

distributed processing, said cluster having a plurality of workstations interconnected

over a network, the method comprising:

        Receiving a work request at a first processing node;

        Classifying, at said first processing node, the work request into one or more

tasks;

        Assigning said one or more tasks to one or more router queues associated with

respective router devices at said first processing node, wherein a router device ~~for~~

~~receiving and distributing~~ receives and distributes a specific task of a particular class of

work in its associated router queue, each said router queue associated with a work task

at a different phases of completion to flow through said cluster of workstations;

Dispatching said assigned one or more tasks by the router device for execution

at a workstation at a second processing node having an execution module residing

therein, the execution module at said second processing node comprising one or more

initiators for instantiating one or more objects to execute the one or more work tasks a

respective work task, said initiators dynamically registering with the router device a

router to indicate readiness to accept work for processing, said objects instantiated by

an one of the initiators with a generic class name passed to the initiator by said router

device but having a different implementation specific to a the second processing node in

which said initiator resides to enable use of system specific resources and enable a

single version of an application to run on each node; and,

Upon completion of said respective one or more work tasks, each said one or

more initiators providing to said respective router devices the completed work task at

said first processing node and providing system specific statistic data associated with

said initiator; and,

Computing performance statistics of a the one or more [[of the]] router queues

and said one or more initiators, a performance statistic including a total response time

from dispatch of a work the one or more work tasks from that the router queue at said

first processing node to an initiator at said second processing node, and the receipt of

the completed work task at the router queue from that initiator at said second

processing node, said total response time used to determine the performance of an the

one or more [[of the]] initiators and categorize the initiators performance for determining

said one or more initiators best suited to execute said one or more tasks; and,

Queuing ready initiators at a respective router device based on said categorized

initiator performance, wherein said best performing ready initiators are given priority for

receiving new tasks from [[a]] the respective router device.

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to MengYao Zhe whose telephone number is 571-272-

6946. The examiner can normally be reached on Monday Through Friday, 10:00 - 8:00

EST. If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Meng-Ai An can be reached at 571-272-3756. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

/MengYao Zhe/

/Meng-Ai An/

Supervisory Patent Examiner, Art Unit 2195